

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

**(19) World Intellectual Property Organization
International Bureau**



**(43) International Publication Date
6 May 2004 (06.05.2004)**

PCT

(10) International Publication Number
WO 2004/037730 A3

(51) International Patent Classification⁷:
C10G 1/04, C10B 53/00

C02F 11/10.

- **Designated States (national):** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:

PCT/IL2003/000882

(22) International Filing Date: 27 October 2003 (27.10.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

152,513 28 October 2002 (28.10.2002) IL

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report*

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
10 June 2004

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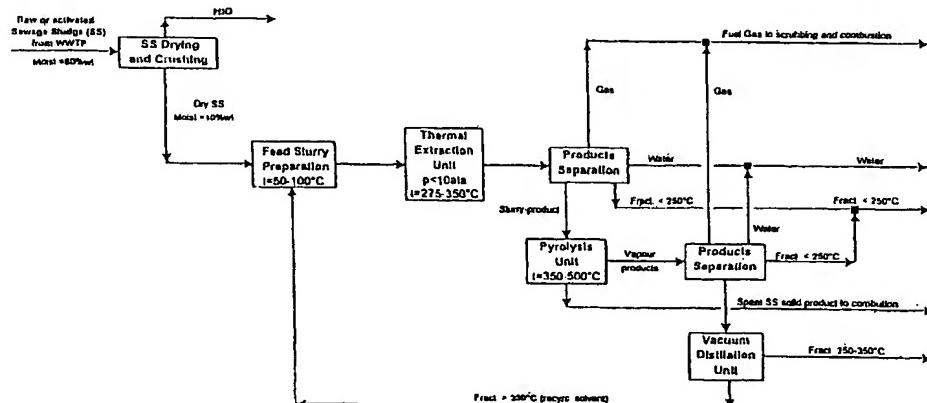
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A PROCESS FOR TREATMENT OF ORGANIC WASTE IN PARTICULAR SEWAGE SLUDGE



(57) Abstract: The invention provides a multi-stage process for the treatment of organic waste comprising drying said waste to reduce the water content to below 15%; subjecting said dried waste to a thermochemical liquefaction process in the presence of a recirculating solvent medium at a temperature of about 275°C to 375°C and a pressure of up to 10 atmospheres (step B), thereby obtaining gaseous, liquid and solid products; separating the formed slurry product from condensable gas, water and other liquid fractions boiling out at up to 250°C; transferring said slurry product obtained from thermal extraction from step c to a pyrolysis apparatus and treating the same at a temperature of about 350°C to 500°C to cause additional thermal destruction of unconvertible organic matter of feed material and heavy liquid fractions obtained in step c and their evaporation and removal from pyrolysis apparatus; separating vapor products from condensable oil products; vacuum distillation of the oil products for the removal of fractions having a boiling temperature of between 250°C and 350°C; and recirculating solvent medium for step b.

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/IL 03/00882

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C02F11/10 C10G1/04 C10B53/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C02F C10G C10B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 618 735 A (BRIDLE TREVOR R ET AL) 21 October 1986 (1986-10-21) cited in the application the whole document ---	1,4,8
A	GB 1 596 483 A (EXXON RESEARCH ENGINEERING CO) 26 August 1981 (1981-08-26) page 2 -page 3 ---	1
A	US 5 114 541 A (BAYER ERNST) 19 May 1992 (1992-05-19) cited in the application the whole document ---	1,4,5,8

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Patent family members are listed in annex.

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Date of the actual completion of the International search

16 April 2004

Date of mailing of the International search report

23/04/2004

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INTERNATIONAL SEARCH REPORT

Information on patent family members

Inte... the Application No

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